

## Claims

- [1] A method of allocating Walsh codes in a CDMA-2000 (Wideband-CDMA) system, said method comprising the steps of:
- at a base station controller, requesting a traffic channel allocation to a transmitter of a base station system;
  - at the transmitter, confirming whether or not there exist channels that have been previously allocated;
  - at the transmitter, if there are previously allocated channels, determining whether or not there exist out-of-use channels among the previously allocated channels; and
  - at the transmitter, if there are out-of-use channels, allocating to a new channel the lowest Walsh code among a Walsh code set that is available to be allocated.
- [2] The method of Claim 1, wherein, if there are no channels that have been previously allocated, the transmitter allocates the lowest Walsh code to a new channel.
- [3] The method of Claim 1, wherein, if there are not out-of-use channels, the transmitter allocates to a terminal a channel following the last allocated channel.